

整理番号 95YAO356

(1)

図面

[図1] Fig. 1

GGAGGAGG -61
AGGAAGAGGAGGAGAAGGTAGCTACCCAACCTCCCTAGCAGGCAGATCCAAACCATATC -1
ATGAAGTTTCCAGGGCCTTTCCAAAACCAGAGATTGTCTTTCTGTGGAAGGCAATC 60
M K F P G P L E N Q R L S F L L E K A I
ACTAGGGAAGCACAGATGTGGAAGTGAATGTGCGGAAAATGCCTTCAAATCAGAATCTT 120
T R E A Q H W K V N V R K M P S N Q N V
TCTCCATCCACAGATCAAGTAATTCAATGGCTGGCCAAACTCAAGTACCAATTCAAC 180
S P S Q R D E V I Q W L A K L K Y Q F N
CTTATCCAGAAACATTTGCTCTGGCTAGCAGTCTTTTGGATAGGTTTCTAGCTACCGTA 240
L Y P E T F A L A S S L L D R F L A T V
AACCCTCATCCAAAATACTTCAGTTGTATTCGAATCAGCTCTTTTTCCTAGCTGCCAAG 300
K A H P K Y L S C I A I S C F F L A A K
ACTGTTGAGGAAGATGAGAGAATTCCAGTACTAAGGTATTGGCAAGAGACAGTTTCTGT 360
T V E E D E R I P V L K V L A R D S F C
GGATGTTCTCATCTGAAAATTTGAGAATGGAGAGAATTATCTGGATAAGTTGAATTGG 420
C C S S S E I L R H E R I I L D K L N W
GATCTTCACACAGCCACACCATGGATTTCTTCATATTTCCATGCCATTGCAGTGTC A 480
D L H T A T P L D F L H I F H A I A V S
ACTAGGCCCTCAGTACTTTTCAGTTTCCCCAATTCAGGCCATCTCAACATTTGCCACTC 540
T R P Q L L F S L P K L S P S Q H L A V
CTTACCAACCAACTACTTCACTGTATGGCCTGCAACCACTTCTGCAATTCAGAGGATCC 600
L T K Q L L H C H A C N Q L L Q F R G S
ATGCTTGCTCTGGCCATGGTTAGTCTGGAAATGGAGAACTCAATCCTGATTGGCTTTCT 660
M L A L A M V S L E H E K L I P D W L S
CTTACAATTGAATCCTTCAGAAAGCACAGATGGATACCTCCCACTTCATCCATTGTCCG 720
L T I E L L Q K A Q M D S S Q L I H C R
GAGCTTGTGGCACATCACCTTTCTACTCTGCACTCTTCCCTGCCTCTGAATTCGGTTTAT 780
E L V A H H L S T L Q S S L P L N S V Y
GTCTACCGTCCCTCAAGCACACCTCGTGACCTGTGACAAAGCACTCTTCACATTACAT 840
V Y R P L K H T L V T C D K G V F R L H
CCCTCCTCTGTCCAGGCCAGACTTCTCAAGGACAAACAGCAAGCCAGAAGTGCCAGTC 900
P S S V P G P D F S K D N S K P E V P V
AGAGGTACAGCAGCCTTTTACCATCATCTCCAGCTGCCAGTGGGTGCAAGCAGACCTCT 960
R G T A A P Y H H L P A A S G C K O T S
ACTAAACGCAAAGTAGAGGAAATGGAAGTGATGACTTCTATGATGGAATCAAACGGCTC 1020
T K R K V E E H E V D D F Y D G I K R L
TATAATGAAGATAATGTCTCAGAAAATGTGGTTCCTGTGTGTGGCACTGATTTATCAAGA 1080
Y N E D N V S E N V G S V C G T D L S R
CAAGAGGGACATCCTTCCCTTGTCCACCTTTGAGCCTCTTTCTCTCATCTAGTTTCAA 1140
Q E G H A S P C P P L Q P V S V H
CAAGTGCTACCTTTGAGTGTAACCTAAGGTAGACTACTTTGGGAATGAGAACATCCAAAA 1200
TCAGGAAAGGCTGTAGAAGGAAATATACCTTAACAGGCTGATTGGAGTGACCCAGAAAA 1260

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~~Fig. 2~~ Fig. 2

A

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|----------|------------------|-------------------|--------------|---------|----------|-----|
| CYCLIN A | ----MRAI-LVDN | VEVGEEYKL | --QNE | ALH | AVNY | 238 |
| CYCLIN B | ----MRAI-LVDN | VEVGEEYKL | --QNE | ALH | AVNY | 238 |
| CYCLIN C | ----LOIF-FTNVIQA | GEHLK | --RQOVI | ATVY | | 229 |
| CYCLIN D | ----MRAI-LVDN | VEVGEEYKL | --QNE | ALH | AVNY | 88 |
| CYCLIN E | ----MRAI-LVDN | VEVGEEYKL | --QNE | ALH | AVNY | 94 |
| CYCLIN F | ----MRAI-LVDN | VEVGEEYKL | --QNE | ALH | AVNY | 157 |
| CYCLIN G | MTARL | DE | SKDL | SLTQF | --GF--DT | 337 |
| CYCLIN H | ----LCKY-YERR | LEPCSV | REAMP | RSVVG | TCMY | 33 |
| CYCLIN I | VSPSQ | ED | NAQ | NAK | KYQ | 86 |
| | | | | | | 72 |
| CYCLIN A | IDR | SSM-SVLRGK | QLVGTAAM | LENS | | 269 |
| CYCLIN B | IDR | SSM-SVLRGK | QLVGTAAM | LENS | | 269 |
| CYCLIN C | FKR | YARY-SLKSID | PVLH | APT | | 260 |
| CYCLIN D | DDR | SSLE-PVR | SRDQLLGAT | QME | | 119 |
| CYCLIN E | FDY | MEQENVVATL | QLG | SL | | 115 |
| CYCLIN F | VDR | YLRRL-LV | ERYDQLLGR | ACVICTR | | 199 |
| CYCLIN G | DDR | SSM-SVLRGK | QLVGTAAM | LENS | | 368 |
| CYCLIN H | FKR | YLYNN-SVMEYHPRI | MLT | | | 66 |
| CYCLIN I | DDR | SSM-SVLRGK | QLVGTAAM | LENS | | 117 |
| | | | | | | 105 |
| CYCLIN A | IYP | EVAEFVYI-TDDTYTK | -----KQV | | | 295 |
| CYCLIN B | IYP | EVAEFVYI-TDDTYTK | -----KQV | | | 295 |
| CYCLIN C | FGV | VSNTREIAAATS | VLKTRFSYAFPK | | | 286 |
| CYCLIN D | TID | TAERKCIY-TDNSIRP | -----E | | | 153 |
| CYCLIN E | IYP | EVAEFVYI-TDDTYTK | -----KQV | | | 141 |
| CYCLIN F | KE | LTIREAVWL-TDNTYKY | -----D | | | 215 |
| CYCLIN G | RNV | LATD | IRI | | | 394 |
| CYCLIN H | FN-VSSP | -----QFVGNL | RESPLGOEKAL | | | 92 |
| CYCLIN I | ER | EVILKV | ARD | | | 141 |
| | | | | | | 131 |

B

| | | | | | | | | | | | |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| CYCLIN G: | MRFD | PLENQ | RLSFL | LEKAI | TEBAQ | MWKNV | VRKMP | SNQNY | SPCR | RY | 11 |
| CYCLIN I: | MRFD | PLENQ | RLSFL | LEKAI | TEBAQ | MWKNV | VRKMP | SNQNY | SPCR | RY | 49 |
| CYCLIN G: | DL | SLTQF | GP | DT | TS | VM | CD | PS | SK | ME | 60 |
| CYCLIN I: | DL | SLTQF | GP | DT | TS | VM | CD | PS | SK | ME | 99 |
| CYCLIN G: | SS | IE | EN | VR | LAT | DE | IR | IG | YR | PT | 109 |
| CYCLIN I: | SS | IE | EN | VR | LAT | DE | IR | IG | YR | PT | 148 |
| CYCLIN G: | QF | GLY | SLI | R | KL | ----- | PER | AND | LN | R | 153 |
| CYCLIN I: | QF | GLY | SLI | R | KL | ----- | PER | AND | LN | R | 157 |
| CYCLIN G: | KE | EV | AE | FV | YI | TDD | TY | TK | ----- | KQV | 203 |
| CYCLIN I: | KE | EV | AE | FV | YI | TDD | TY | TK | ----- | KQV | 246 |
| CYCLIN G: | ET | Y | SS | WKC | ----- | SKNG | QK | WIV | SG | TAR | 250 |
| CYCLIN I: | ET | Y | SS | WKC | ----- | SKNG | QK | WIV | SG | TAR | 296 |
| CYCLIN I: | EV | VR | GT | AA | YH | LP | AA | SG | KQ | TK | 346 |
| CYCLIN I: | EV | VR | GT | AA | YH | LP | AA | SG | KQ | TK | 377 |

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~~【図3】~~ Fig. 3



F

